BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer
Dasarahalli Division
EMB

Name of Work :-	**Maintaince of Park in Ward No 12 Shettyhalli Sub Division**
Est Cost :-	**10.00 Lakhs**
Job Code :-	**012-19-000037**
AS :-	**EE/DZ/AS/94/2021-22, Dt:- 13.01.2022**
TS :-	**EE/DD/TS/51/2021-22, Dt:- 13.01.2022**
Work Order :-	**EE/DD/W.0/65/2022-23 Date 01.07.2022**
Name of Contractor:-	**Sri. Naveen R (RNI Enterprises)**

Name of Work :-	Maintaince of Park in Ward No 12 Shettyhalli Sub Division
JOB Code:-	012-19-000037
Work Order No	EE/DD/W.0/65/2022-23 Date 01.07.2022
AS No:-	EE/DD/AS/94/2021-22, Dt.13.01.2022
TS No:-	EE/DD/TS/51/2021-22, Dt.13.01.2022
Date Of Measurenents	21/7/22 to 26/7/22

Sl No	Description	Unit	No	Length	Avg Width	Depth	Qty
	1st & Final - MEASUREMENT SHEET						
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (PWD SR 2018-19 P.No: 6, I.No.: 2.4)						
	North East Side	Cum	1	24.80	0.60	0.60	8.93
	East Saide Ch 0.00 to 30.00		1	30.00	0.60	0.60	10.80
	Ch 30.00 to 30.00		1	26.30	0.60	0.60	9.47
	North West Ch 0.00 to 35.10		1	35.00	0.60	0.60	12.60
							41.80
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PWD,SZB,SR,2018-19. Pg No -13, I. No-4.3)						
	North East Side	Cum	1	24.80	0.60	0.12	1.79
	East Saide Ch 0.00 to 30.00		1	30.00	0.60	0.12	2.16
	Ch 30.00 to 30.00		1	26.30	0.60	0.12	1.89
	North West Ch 0.00 to 35.10		1	35.00	0.60	0.12	2.52
							8.36
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (PWD SR 2018-19 P.No: 25, I.No.: 5.6)						
	North East Side	Cum	1	24.80	0.60	0.45	6.70
	East Saide Ch 0.00 to 30.00		1	30.00	0.60	0.45	8.10
	Ch 30.00 to 30.00		1	26.30	0.60	0.45	7.10
	North West Ch 0.00 to 35.10		1	35.00	0.60	0.45	9.45
							31.35

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Name of Work :-	Maintainee of Park in Ward No 12 Shettyhalli Sub Division
JOB Code:-	012-19-000037
Work Order No	EE/DD/W.0/65/2022-23 Date 01.07.2022
AS No:-	EE/DD/AS/94/2021-22, Dt.13.01.2022
TS No:-	EE/DD/TS/51/2021-22, Dt.13.01.2022
Date Of Measurenents	21/7/22 to 26/7/22

Sl No	Description	Unit	No	Length	Avg Width	Depth	Qty
	1st & Final - MEASUREMENT SHEET						
4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (PWD SR 2018 19 P.No: 25, I.No.: 5.9)						
	North East Side	Cum	1	24.80	0.45	0.45	5.02
	East Saide Ch 0.00 to 30.00		1	30.00	0.45	0.45	6.08
	Ch 30.00 to 30.00		1	26.30	0.45	0.45	5.32
	North West Ch 0.00 to 35.10		1	35.00	0.45	0.45	7.09
							23.51
5	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PWD SR 2018-19 P.No: 12, I.No.: 4.5)						
	Coping						
	North East Side	Cum	1	24.80	0.45	0.10	1.12
	East Saide Ch 0.00 to 30.00		1	30.00	0.45	0.10	1.35
	Ch 30.00 to 30.00		1	26.30	0.45	0.10	1.18
	North West Ch 0.00 to 35.10		1	35.00	0.45	0.10	1.58
	Poles		54	0.30	0.30	0.45	2.19
							7.41
6	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.(PWD SR 2018-19 P.No: 115, I.No.: 15.1)						
	North East Side		2	24.80	0.45		22.32
	East Saide Ch 0.00 to 30.00		2	30.00	0.45		27.00
	Ch 30.00 to 30.00		2	26.30	0.45		23.67
	North West Ch 0.00 to 35.10		2	35.00	0.45		31.50
		Sqm					**104.49**

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JOB Code:-	012-19-000037
Work Order No	EE/DD/W.0/65/2022-23 Date 01.07.2022
AS No:-	EE/DD/AS/94/2021-22, Dt.13.01.2022
TS No:-	EE/DD/TS/51/2021-22, Dt.13.01.2022
Date Of Measurenents	25/3/22 to 27/3/22

Sl No	Description	Unit	No	Length	Avg Width	Depth	Qty
	1st & Final - MEASUREMENT SHEET						
7	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (PWD SR 2018-19 P.No: 266, I.No.: 37.2)						
	North East side		14	2.85			39.90
	East Side		29	2.85			82.65
	North West side		11	2.85			31.35
							153.90
		Rmt	Qty Limited to				**148.20**
8	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the ends, cutting the pipe, and fixing pipe in between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.(PWD SR 2018-19 P.No: 266, I.No.: 37.4)						
	North East Side		2	24.80			49.60
	East Saide Ch 0.00 to 30.00		2	30.00			60.00
	Ch 30.00 to 30.00		2	26.30			52.60
	North West Ch 0.00 to 35.10		2	35.00			70.00
		Rmt					**232.20**
9	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint .(PWD SR 2018-19 P.No: 266, I.No.: 37.3)						
	North East Side	Sqm	1	24.80		2.10	52.08
	East Saide Ch 0.00 to 30.00		1	30.00		2.10	63.00
	Ch 30.00 to 30.00		1	26.30		2.10	55.23
	North West Ch 0.00 to 35.10		1	35.00		2.10	73.50
							243.81

Name of Work :	Maintainace of Park in Ward No 12 Shettyhalli Sub Division
JOB Code:	012 19 0000037
Work Order No	EE/DD/W.O/65/2022 23 Date 01.07.2022
AS No:	EE/DD/AS/94/2021 22, DT.13.01.2022
TS No:	EE/DD/TS/51/2021 22, DT.13.01.2022
Date Of Measurements	

1st & Final - MEASUREMENT SHEET

Sl No	Description	Unit	No	Length	Avg Width	Depth	Qty
10	KSRR 15.15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer (PW,P& IWD SR 2018 19, Pg No 119, Item No. 1551.2)						
	North East Side	Sqm	1	24.80		2.10	52.08
	East Saide Ch 0.00 to 30.00		1	30.00		2.10	63.00
	Ch 30.00 to 30.00		1	26.30		2.10	55.23
	North West Ch 0.00 to 35.10		1	35.00		2.10	73.50
	Old Fencing		4	5.00		2.10	42.00
							285.81
		Sqm		Qty Limited to			278.76

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shetty Halli Sub Division

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